

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1553	606/48-50.ccls.	US-PGPUB; USPAT	OR	OFF	2006/12/17 11:45
S2	350	S1 and gas and electrode\$1	US-PGPUB; USPAT	OR	OFF	2006/12/17 11:48
S3	127	S2 and argon	US-PGPUB; USPAT	OR	OFF	2006/12/17 13:03
S4	0	S3 and "o\$1ring"	US-PGPUB; USPAT	OR	OFF	2006/12/17 11:48
S5	9	S3 and "o-ring"	US-PGPUB; USPAT	OR	OFF	2006/12/17 11:48
S6	2	((("5306238") or ("5098430"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/17 12:51
S7	91	S3 and @ad<"20020904"	US-PGPUB; USPAT	OR	OFF	2006/12/17 13:58
S8	4029	606/32-41.ccls.	US-PGPUB; USPAT	OR	OFF	2006/12/17 13:58
S9	135649	S8 and argon or "inert gas"	US-PGPUB; USPAT	OR	OFF	2006/12/17 13:59
S10	325	S8 and (argon or "inert gas")	US-PGPUB; USPAT	OR	OFF	2006/12/17 13:59
S11	230	S10 and @ad<"20020904"	US-PGPUB; USPAT	OR	OFF	2006/12/17 13:59
S12	188	S11 and electrode\$1 and (cap or tip or sheath)	US-PGPUB; USPAT	OR	OFF	2006/12/17 14:42
S13	8	S12 and "o-ring"	US-PGPUB; USPAT	OR	OFF	2006/12/17 14:00
S14	14	(US-20020022838-\$).did. or (US-7094234-\$ or US-6558383-\$ or US-6780184-\$ or US-6149648-\$ or US-5693044-\$ or US-6679880-\$ or US-6958063-\$ or US-5836897-\$ or US-5098430-\$ or US-5306238-\$ or US-6142995-\$ or US-6475215-\$ or US-7004939-\$).did.	US-PGPUB; USPAT	OR	OFF	2006/12/18 09:41
S15	6	S14 and "o-ring"	US-PGPUB; USPAT	OR	OFF	2006/12/18 09:41
S16	13	(US-20020022838-\$).did. or (US-6558383-\$ or US-6780184-\$ or US-6149648-\$ or US-5693044-\$ or US-6679880-\$ or US-6958063-\$ or US-5836897-\$ or US-5098430-\$ or US-5306238-\$ or US-6142995-\$ or US-6475215-\$ or US-7004939-\$).did.	US-PGPUB; USPAT	OR	OFF	2006/12/18 10:44
S17	4	S16 and "friction fit"	US-PGPUB; USPAT	OR	OFF	2006/12/18 11:16
S18	776	219/121.36,121.39.ccls.	US-PGPUB; USPAT	OR	OFF	2006/12/18 11:18
S19	584	219/121.36,121.39.ccls. and @ad<"20020904"	US-PGPUB; USPAT	OR	OFF	2006/12/18 11:18
S20	25	S19 and gas and electrode and insulat\$3 and handle and (tube or sheath or cover or collar or shroud)	US-PGPUB; USPAT	OR	OFF	2006/12/18 11:19
S21	4	S20 and "o-ring"	US-PGPUB; USPAT	OR	OFF	2006/12/18 11:21
S22	953	electrosurgical and gas and electrode\$1	US-PGPUB; USPAT	OR	OFF	2006/12/18 11:22
S23	592	electrosurgical and gas and electrode\$1 and @ad<"20020904"	US-PGPUB; USPAT	OR	OFF	2006/12/18 11:22

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S24	386	S23 and insulat\$3 and (tube or sheath or shroud or cover or collar) and (detachable or removable or attach\$4)	US-PGPUB; USPAT	OR	OFF	2006/12/18 11:24
S25	279	S24 and ("o-ring" or seal\$3 or "leaf spring")	US-PGPUB; USPAT	OR	OFF	2006/12/18 11:24
S26	222	S25 and handle	US-PGPUB; USPAT	OR	OFF	2006/12/18 11:25
S27	14	S26 and "friction fit"	US-PGPUB; USPAT	OR	OFF	2006/12/18 11:25
S28	2521	606/167,170,172.ccls.	US-PGPUB; USPAT	OR	OFF	2006/12/18 11:38
S29	1948	606/167,170,172.ccls. and @ad<"20020904"	US-PGPUB; USPAT	OR	OFF	2006/12/18 11:38
S30	1	S29 and electrode and tube and gas and detachable and (displaceable or slidabl\$1) and "o-ring"	US-PGPUB; USPAT	OR	OFF	2006/12/18 11:43
S31	1553	606/48-50.ccls.	US-PGPUB; USPAT	OR	OFF	2006/12/18 11:43
S32	0	S31 and electrode and tube and gas and detachable and (displaceable or slidabl\$1) and "o-ring"	US-PGPUB; USPAT	OR	OFF	2006/12/18 11:43
S33	13	(US-20020022838-\$).did. or (US-6558383-\$ or US-6780184-\$ or US-6149648-\$ or US-5693044-\$ or US-6679880-\$ or US-6958063-\$ or US-5836897-\$ or US-5098430-\$ or US-5306238-\$ or US-6142995-\$ or US-6475215-\$ or US-7004939-\$).did.	US-PGPUB; USPAT	OR	OFF	2006/12/18 11:44
S34	5	S33 and "o-ring"	US-PGPUB; USPAT	OR	OFF	2006/12/18 11:44
S35	12	("3903891" "4014343" "4060088" "4311145" "4545375" "4711238" "4901719" "5061768" "5195959" "5306238" "5836944" "5972416").PN. OR ("6558383").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/18 13:29
S36	36	("1741740" "2022065" "2056377" "2310844" "2447169" "2487502" "3234356" "3494364" "3901242" "3903892" "3920021" "3938527" "4051855" "4085756" "4174715" "4181131" "4273137" "4301802" "4325374" "4418692" "4474174" "4485812").PN. OR ("4711238").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/18 13:52
S37	14	(US-20020022838-\$).did. or (US-6558383-\$ or US-6780184-\$ or US-6149648-\$ or US-5693044-\$ or US-6679880-\$ or US-6958063-\$ or US-5836897-\$ or US-5098430-\$ or US-5306238-\$ or US-6142995-\$ or US-6475215-\$ or US-7004939-\$ or US-4711238-\$).did.	US-PGPUB; USPAT	OR	OFF	2006/12/18 14:41
S38	5	S37 and "o-ring"	US-PGPUB; USPAT	OR	OFF	2006/12/18 14:41
S39	4203	"o-ring"	US-PGPUB; USPAT	OR	OFF	2006/12/18 14:50
S40	105205	"o-ring"	US-PGPUB; USPAT	OR	OFF	2006/12/18 14:50
S41	105205	"O-ring"	US-PGPUB; USPAT	OR	OFF	2006/12/18 14:50
S42	115381	"o ring"	US-PGPUB; USPAT	OR	OFF	2006/12/18 14:50
S43	93	"o-ring" and gas and electrode and @ad<"20020904" and (tube or sheath)	US-PGPUB; USPAT	OR	OFF	2006/12/18 14:56
S44	833	"o-ring" and "inert gas" and electrode and @ad<"20020904" and (tube or sheath)	US-PGPUB; USPAT	OR	OFF	2006/12/18 14:57
S45	497	"o-ring" and "inert gas" and electrode and (cut\$3 or ablat\$3) and @ad<"20020904" and (tube or sheath)	US-PGPUB; USPAT	OR	OFF	2006/12/18 14:57
S46	57	"o-ring" and "inert gas" and electrode and (cut\$3 or ablat\$3) and @ad<"20020904" and (tube or sheath) and (slidable or slidably)	US-PGPUB; USPAT	OR	OFF	2006/12/18 15:14

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S47	2	"leaf spring" and "inert gas" and electrode and (cut\$3 or ablat\$3) and @ad<"20020904" and (tube or sheath) and (slidable or slidably)	US-PGPUB; USPAT	OR	OFF	2006/12/18 15:17
S48	0	"elastic sealing ring" and "inert gas" and electrode and (cut\$3 or ablat\$3) and @ad<"20020904" and (tube or sheath) and (slidable or slidably)	US-PGPUB; USPAT	OR	OFF	2006/12/18 15:17
S49	3	((("5,088,997") or ("6,602,249") or ("7,004,939"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/19 11:47
S50	0	("1andgasandelectrodeandseal\$3").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/19 11:48
S51	3	S49 and gas and electrode and seal\$3	US-PGPUB; USPAT	OR	OFF	2006/12/19 11:48
S52	14	("3595239" "4209018" "4781175" "5041110" "5088997" "5108389" "5152762" "5160334" "5217457" "5244462" "5324283").PN. OR ("6602249").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/19 12:11
S53	15	("2708933" "2828747" "4040426" "4060088" "4781175" "4901719" "4927420" "5088997" "5098430" "5186714" "5720745" "6149648" "6602249").PN. OR ("7004939").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/19 12:13
S54	16	(US-20020022838-\$).did. or (US-6558383-\$ or US-6780184-\$ or US-6149648-\$ or US-5693044-\$ or US-6679880-\$ or US-6958063-\$ or US-5836897-\$ or US-5098430-\$ or US-5306238-\$ or US-6142995-\$ or US-6475215-\$ or US-7004939-\$ or US-4711238-\$ or US-4901719-\$ or US-4781175-\$).did.	US-PGPUB; USPAT	OR	OFF	2006/12/19 13:54
S55	5	S54 and ("o-ring" or "0-ring" or "gas seal")	US-PGPUB; USPAT	OR	OFF	2006/12/19 13:56
S56	0	S54 and (gas near seal\$3)	US-PGPUB; USPAT	OR	OFF	2006/12/19 13:57
S57	18	(US-20020022838-\$).did. or (US-6558383-\$ or US-6780184-\$ or US-6149648-\$ or US-5693044-\$ or US-6679880-\$ or US-6958063-\$ or US-5836897-\$ or US-5098430-\$ or US-5306238-\$ or US-6142995-\$ or US-6475215-\$ or US-7004939-\$ or US-4711238-\$ or US-4901719-\$ or US-4781175-\$ or US-6602249-\$ or US-5088997-\$).did.	US-PGPUB; USPAT	OR	OFF	2006/12/19 13:56
S58	1	S57 and (gas near seal\$3)	US-PGPUB; USPAT	OR	OFF	2006/12/19 14:01
S59	1	("5,836,909").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/19 14:01
S60	26	("3527203" "4149315" "4493694" "4744360" "4776840" "5195958" "5607391" "5607420" "5658249" "5685877").PN. OR ("5836909").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/19 14:03
S61	19	(US-20020022838-\$).did. or (US-6558383-\$ or US-6780184-\$ or US-6149648-\$ or US-5693044-\$ or US-6679880-\$ or US-6958063-\$ or US-5836897-\$ or US-5098430-\$ or US-5306238-\$ or US-6142995-\$ or US-6475215-\$ or US-7004939-\$ or US-4711238-\$ or US-4901719-\$ or US-4781175-\$ or US-6602249-\$ or US-5088997-\$ or US-5836909-\$).did.	US-PGPUB; USPAT	OR	OFF	2006/12/19 14:04
S62	6	S61 and (o near ring)	US-PGPUB; USPAT	OR	OFF	2006/12/19 14:05
S63	1	("5,836,909").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/21 09:13

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S64	19	(US-20020022838-\$).did. or (US-5836909-\$ or US-7004939-\$ or US-6958063-\$ or US-6780184-\$ or US-6679880-\$ or US-6558383-\$ or US-6475215-\$ or US-6142995-\$ or US-6149648-\$ or US-5693044-\$ or US-5088997-\$ or US-5836897-\$ or US-6602249-\$ or US-4781175-\$ or US-5098430-\$ or US-5306238-\$ or US-4901719-\$ or US-4711238-\$).did.	US-PGPUB; USPAT	OR	OFF	2006/12/21 09:42
S65	7	S64 and ceramic	US-PGPUB; USPAT	OR	OFF	2006/12/21 09:43
S66	8	S64 and ceramic\$1	US-PGPUB; USPAT	OR	OFF	2006/12/21 09:43